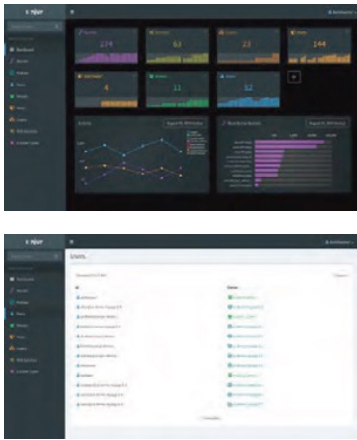




CyberArk Conjur

Secure Secrets Used by Privileged Users and Machines Throughout the DevOps Pipeline



Conjur centralizes and streamlines secret protection, management and auditing

The Challenge

Enterprises are automating IT infrastructure and instituting DevOps methodologies to accelerate the pace of innovation. Traditional identity and access management solutions are not designed to natively support the unique security needs of DevOps workflows. Enterprises must introduce new systems and practices to support dynamic workloads, microservices and automated IT without compromising security or service velocity.

The Solution

CyberArk Conjur is a secrets management solution tailored specifically to the unique infrastructure requirements of native cloud and DevOps environments. The solution helps IT and information security organizations secure and manage secrets used by machines identities (applications, microservices, applications, CI/CD tools, APIs, etc.) and users throughout the DevOps pipeline and multi-cloud environment.

Conjur helps security organizations keep pace with agile software development and delivery practices. Organizations can improve their security posture, mitigate risks and meet stringent compliance requirements without slowing down CI/CD workflows. With Conjur, secrets, keys, certificates, and authentication data are all stored securely—out of repositories, out of source code, and off of hard drives—for ultimate protection, control and manageability.

Conjur is the only platform independent secrets management solution specifically architected for containerized environments and can be deployed on premises or to any cloud at massive scale. The solution integrates seamlessly with a variety of CI/CD tools from configuration management tools, CI servers, and containers. It also integrates with existing Active Directory, LDAP, and SIEM systems helping organizations protect and extend previous investments, and preserve established security models and practices.

CyberArk Conjur Enterprise and Community Editions

CyberArk Conjur is available in two editions: Conjur Enterprise and Conjur Community Edition.

Conjur Community Edition is available as free and open source software at conjur.org and [github.com/cyberark](https://github.com/cyberark/conjur). Conjur Community Edition enables organizations, regardless of where they are in their DevOps journey, to integrate secrets management best practices into their workflow and evolve their DevOps projects with Conjur.

Conjur Enterprise is a fully featured, enterprise-class solution fully backed by CyberArk's world-class support and service organization. Key Conjur Enterprise features include: GUI access, audit and reporting, HA/DR functionality, and integrations with AD/LDAP and SIEM systems. More details on Conjur Enterprise Edition can be found at cyberark.com.

Key Features

Key features and functions include:

- **Comprehensive secrets management** for sensitive data such as API keys, certificates, passwords, SSH keys and tokens. Secrets are securely stored and managed in an encrypted and access-controlled container on the Conjur server and can be automatically rotated based on policy.
- **Role-based access controls (RBAC)** makes it easy to assign distinct privileges to different groups of users or machines with different responsibilities. Administrators can define various roles (e.g. development, test, operations, administration) and grant each role unique privileges (e.g. read, write, delete) for specific resources (e.g. database password, VM or server, web service endpoint.)
- **Centralized, tamper-proof audit records** for all authorization events and secrets operations, with an intuitive interface to generate and review compliance reports.
- **Integration with DevOps toolchain** secures and manages secrets used by CI/CD tools such as Ansible, Chef, Jenkins and Puppet and container orchestration software such as Docker and Kubernetes.
- **Easy to use GUI** provides an overall view of users, machines, and secrets managed by Conjur and a comprehensive view of audit data. The GUI can also be used to configure policies and policy-based workflows.
- **AD/LDAP and SIEM support** for integration with existing security systems and practices.
- **Cloud scalability, performance and availability.** Conjur is based on a distributed, high-availability architecture with distinct Master and Follower components. Masters and Followers can be distributed across zones, regions and clouds to minimize latency and enable high scalability and resiliency. The solution leverages capabilities such as Amazon Auto Scaling Groups to enable elastic, horizontal scaling at massive loads with no degradation of system performance.

Specifications

- **Deployment Options:**
 - Docker Image
 - Amazon AMI
 - RPM
- **Supported Client Development Libraries:**
 - Go
 - Java
 - .NET
 - Node.js
 - Ruby
 - Python
- **DevOps Toolchain:**
 - Ansible
 - Chef
 - Jenkins
 - Puppet
- **Containers/Container Orchestration:**
 - Docker
 - Kubernetes
- **Other Integrations:**
 - Active Directory and LDAP
 - HSM integration
 - SIEM tools

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